

CHROMIUM CARBIDE Cr_3C_2

Description of Product Cr_3C_2 is used as grain growth inhibitor in the production of WC-based hard metals.

Grades Available

Product Designation

Cr_3C_2 160

Cr_3C_2 300

Chemical Characteristics¹⁾

(Mass fraction in % [cg/g]; ppm [$\mu\text{g/g}$])

	Cr_3C_2 160	Cr_3C_2 300
C_{total}	max. 13.3 %	max. 13.3 %
O	max. 1.0 %	max. 0.4 %
N	max. 1000 ppm	max. 1000 ppm
Fe	max. 1500 ppm	max. 1200 ppm
S	max. 200 ppm	max. 200 ppm
Si	max. 200 ppm	max. 200 ppm
Ca	max. 100 ppm	max. 100 ppm

Physical Characteristics

Fisher number (as supplied) max. 1.6 μm 2.0 - 4.0 μm

1) Information on chemical analytical methods and list of analyzed items on request.

Packaging

Product Designation	Packaging according to transport regulations		Material Number
	Packaging	Packaging unit	
Chromium Carbide Cr ₃ C ₂ 160	25 kg in a specially coated 15 l steel drum with a polyethylene bag	200 kg in 8 drums on CP 1 pallet.	01000344 (CPS)
Chromium Carbide Cr ₃ C ₂ 160	50 kg in a specially coated 30 l steel drum with a polyethylene bag	300 kg in 6 drums on CP 5 pallet.	01021865
Chromium Carbide Cr ₃ C ₂ 300	25 kg in a specially coated 15 l steel drum with a polyethylene bag	200 kg in 8 drums on CP 1 pallet.	01000343 (CPS)
Chromium Carbide Cr ₃ C ₂ 300	50 kg in a specially coated 30 l steel drum with a polyethylene bag	300 kg in 6 drums on CP 5 pallet.	01021862

Other kinds of packaging are available on request.

Storage and Handling Storage and handling are subject to the rules and regulations in the country of use.

Hazards identification in Advertising (REGULATION (EC) No 1272/2008 Article 48)

None.

Documentation

An inspection document in accordance with EN 10204 is supplied with every shipment.

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